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Fact Sheet

July 2007

Progress Report on Site Activities Herculaneum Lead Smelter Site, Herculaneum, Missouri

SLAG PILE UPDATE

EPA and the Missouri Department of Natural Resources (MDNR) reached an agreement with The Doe Run Resources Corporation to modify the Administrative Order on Consent for the Herculaneum Site in 2006. The modification requires stabilization, erosion control, flood protection, stormwater collection and treatment, and wetland mitigation of the slag pile.

Construction equipment has been moved to the slag pile area to begin required improvements. Although recent flooding has delayed work at the slag pile, the completion date for this project is still planned for July 2008.

RCRA ADMINISTRATIVE ORDER

After reviewing comments from the public, EPA modified and signed an Administrative Order with Doe Run on May 8, 2007. The Resource Conservation and Recovery Act (RCRA) Order requires Doe Run to implement specific work practices related to the company's handling and transportation of lead materials. The Herculaneum smelter is one of the facilities covered by the agreement. The RCRA Order requires Doe Run to:

A117



0400

Community Advisory Group Meeting

The next meeting of the Herculaneum Lead Smelter Community Advisory Group will be held:

Tuesday, July 17, 2007
7:00 p.m. - 8:30 p.m.
Herculaneum High School
Cafeteria
Herculaneum, Missouri

- ▶ Install truck wash stations at each of its facilities;
- ▶ Clean streets or roads leading from the facilities;
- ▶ Ensure that lead-bearing materials are not leaking or spilling from trucks during transportation;
- ▶ Use dedicated vehicles for transportation of lead-bearing materials.
- ▶ Develop spill response planning; and
- ▶ Comply with monitoring, sampling and reporting requirements.

YARD SOIL REPLACEMENTS

Doe Run has replaced soil at twenty-five yards in Herculaneum thus far in 2007 with an additional 10 planned for this year. This will bring the total yard soil

2.0

replacements at the site to 487. Additional recontamination sampling will begin in 2007 that will include occupied residential properties along the concentrate haul routes and in the Property Purchase Area. These properties will be sampled annually to screen for potential lead recontamination.

STREET CLEANING EQUIPMENT

Doe Run has purchased a new type of street cleaning machine called the Tymco Regenerative Air Sweeper. Early test results and street sampling indicate that this equipment removes lead-contaminated dust from streets more effectively than the previous street cleaning model.

STATE IMPLEMENTATION PLAN

In April 2006, EPA found that Missouri's State Implementation Plan (SIP) was substantially inadequate to attain the lead National Ambient Air Quality Standard (NAAQS) in Herculaneum. This required MDNR to produce a revision to the SIP. The Missouri Air Conservation Commission adopted MDNR's revised SIP on April 26, 2007. A Missouri state court then reviewed and approved the consent judgment portion of the SIP.

EPA received the official SIP package on May 31, 2007, and is now reviewing the package for completeness and approvability. During this review, EPA will evaluate whether the SIP and its proposed controls are adequate to attain and maintain the lead NAAQS in Herculaneum. EPA will reach a final approvability determination after providing public notice and an opportunity for public comment.

ADDITIONAL INFORMATION

EPA encourages the community to review the Administrative Record file, which is available at the following locations:

Herculaneum City Hall
1 Parkwood Court
Herculaneum, Missouri

Windsor Branch
Jefferson County Library
7479 Metropolitan Boulevard
Barnhart, Missouri

EPA Region 7
901 N. 5th Street
Kansas City, Kansas

If you have questions or need additional information, please contact:

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